

Education and Training Learning Experience Plan

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Lesson Name: Fact Family Frenzy
Topic of the Lesson: Fact Families
Age Range/Grade Level/Content Area: 6-7 years old/1 st grade/math
Materials Required: 3-leaf clover template, paper with numbers students will use for the leaves, middle for the family, iPads (10), app(s)- Chosen by Mrs. Smith
Time Required: At least 20 minutes
TEKS or objectives, include Bloom's level: (1.3) Number, operation, and quantitative reasoning. The student recognizes and solves problems in addition and subtraction situations. The student is expected to: (B) Use concrete and pictorial models to apply basic addition and subtraction facts (up to $9 + 9 = 18$ and $18 - 9 = 9$). (1.5) Patterns, relationships, and algebraic thinking. The student recognizes patterns in numbers and operations. The student is expected to: (E) Identify patterns in related addition and subtraction sentences (fact families for sums to 18) such as $2 + 3 = 5$, $3 + 2 = 5$, $5 - 2 = 3$, and $5 - 3 = 2$.
Introduction/Purpose: Write 3 numbers on smart board use numbers 5 , 3 , and 8 and instruct 4 different students to each write a part of the fact family. (2 addition, 2 subtraction).
Learning Activities/Step-by-Step Procedures: <ol style="list-style-type: none">1. Gather students at carpet and explain what we will be reviewing (fact families).2. Say, "Today we are making fact family 3- leaf clovers, like this one. I am going to split you into 2 groups and some of you will be with me and some of you will be with Mrs. Smith. If we have good behavior we will be able to use iPads."3. First 4 students will be picked to help with an example on the smart board. See introduction.4. Once example is done students will be seated.5. Split students into two groups among Mrs. Smith and I.6. Give Mrs. Smith example.7. Instruct students to take the colored middle and glue it to the 3 leaf clover.8. Give students the piece of paper that will have the 3 numbers they will use in their family.9. Students will then begin writing numbers on the leaves of the clover.10. Once the numbers are written have students write their family in the colored middle of the clover with a crayon or pencil.11. Once students have written their family say, "I am going to pick 2 volunteers to tell our friends their family they got."12. Once students in both groups have finished their clovers instruct students to place them on the, "I'm done," table and to have a seat on the carpet.

13. If one group finishes before another, iPads will be available for students to play math games on.
14. Once all students have finished and placed their clovers on the, "I'm done," table have them sit in their carpet spots.
15. Pick 4 more students to help you write another fact family on the board. Use numbers **2, 4,** and **6.**
16. Let each student write one part of the fact family.

Guided/Independent Practice:

Students will be writing their fact family in the middle of their clover to check their understanding of how fact families work.

Closure/Summary:

Closing will be using smart board and the students will be writing the parts of the fact families.

Assessment/Evaluation:

The assessment will also be the ending smart board activity and we will be able to see if students understood fact families if they correctly wrote their family in the middle of the clover

Relevancy:

Did students understand fact families? Did students write their family correctly?